

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040721\
 Data File : BG048629.D
 Acq On : 7 Apr 2021 23:04
 Operator : CG/JU
 Sample : M1934-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Apr 08 03:36:25 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 07 10:06:00 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

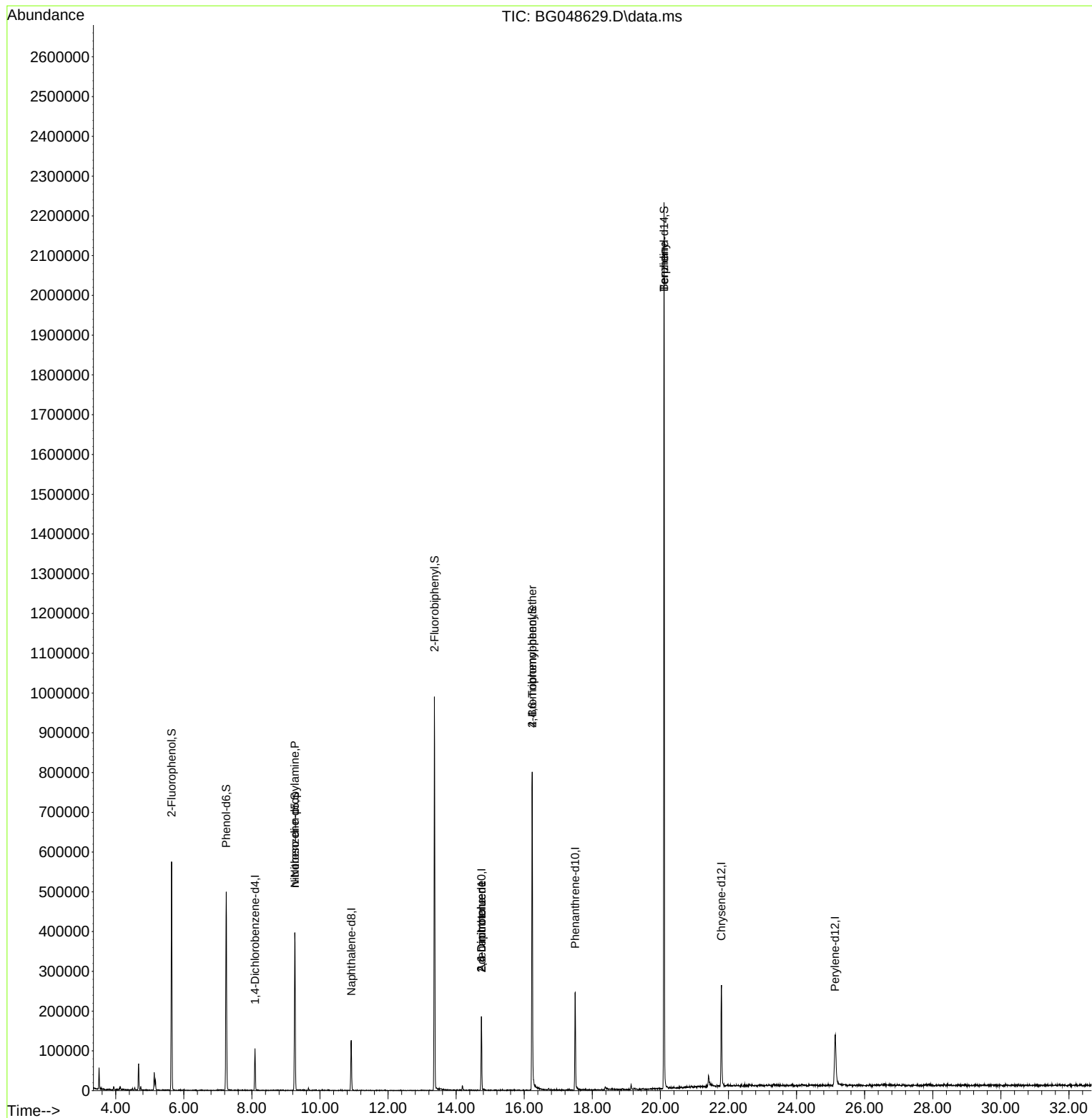
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.092	152	27293	20.00	ng	0.00
21) Naphthalene-d8	10.918	136	100747	20.00	ng	# 0.00
39) Acenaphthene-d10	14.743	164	64742	20.00	ng	0.00
64) Phenanthrene-d10	17.493	188	168056	20.00	ng	# 0.00
76) Chrysene-d12	21.793	240	175396	20.00	ng	# 0.00
86) Perylene-d12	25.131	264	162205	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.642	112	224696	145.35	ng	0.00
7) Phenol-d6	7.246	99	249253	111.17	ng	0.00
23) Nitrobenzene-d5	9.261	82	226446	108.82	ng	0.00
42) 2,4,6-Tribromophenol	16.235	330	154287	181.29	ng	0.00
45) 2-Fluorobiphenyl	13.362	172	493070	113.20	ng	0.00
79) Terphenyl-d14	20.107	244	1028175	107.20	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.261	70	36009	23.30	ng	# 73
51) 2,6-Dinitrotoluene	14.743	165	8644	7.86	ng	# 19
57) 2,4-Dinitrotoluene	14.743	165	8644	5.56	ng	# 24
67) 4-Bromophenyl-phenylether	16.235	248	10604	5.69	ng	# 1
77) Benzidine	20.107	184	19850	3.34	ng	# 92

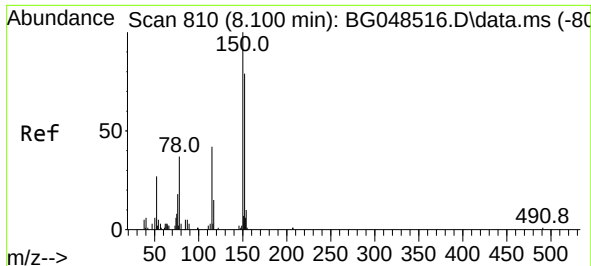
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 10:06:00 2021
Response via : Initial Calibration

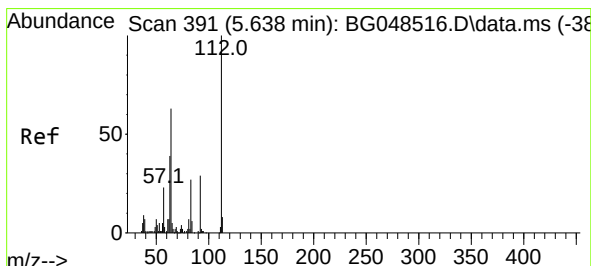
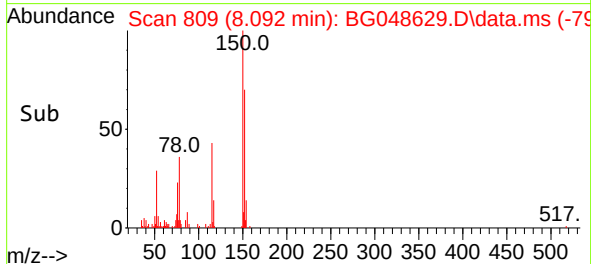
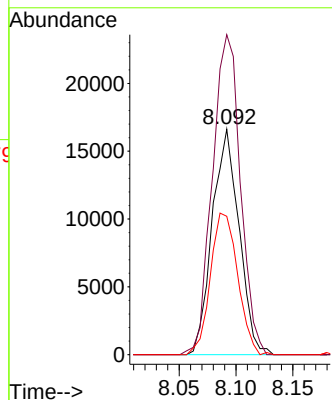
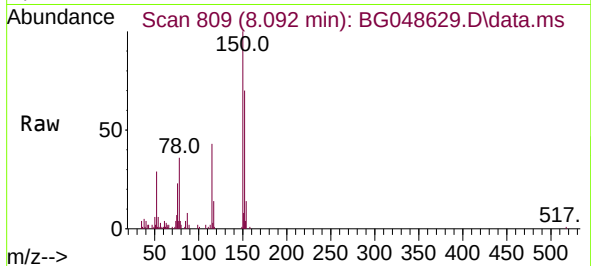




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.092 min Scan# 809
Delta R.T. -0.008 min
Lab File: BG048629.D
Acq: 7 Apr 2021 23:04

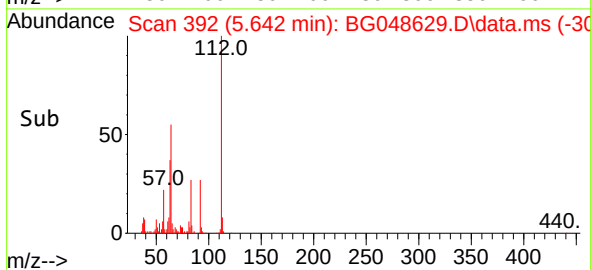
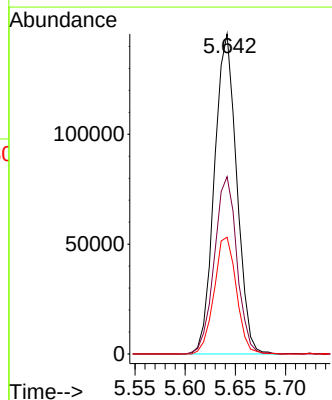
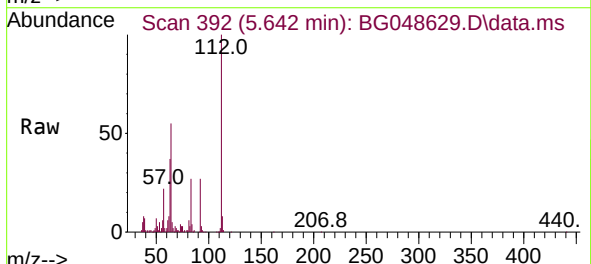
Instrument :
BNA_G
ClientSampleId :
TP-1

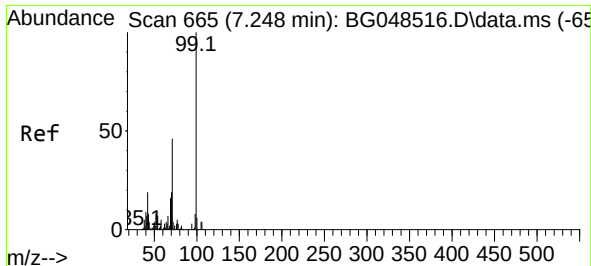
Tgt Ion:152 Resp: 27293
Ion Ratio Lower Upper
152 100
150 141.9 101.3 151.9
115 61.4 42.3 63.5



#5
2-Fluorophenol
Concen: 145.35 ng
RT: 5.642 min Scan# 392
Delta R.T. 0.003 min
Lab File: BG048629.D
Acq: 7 Apr 2021 23:04

Tgt Ion:112 Resp: 224696
Ion Ratio Lower Upper
112 100
64 55.4 50.4 75.6
63 36.5 31.4 47.2

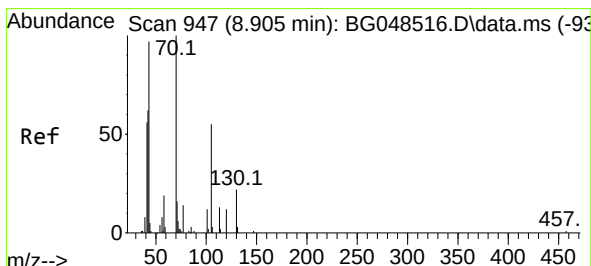
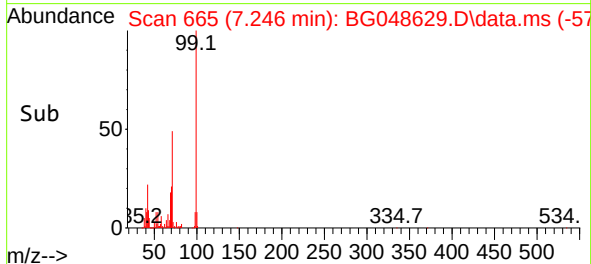
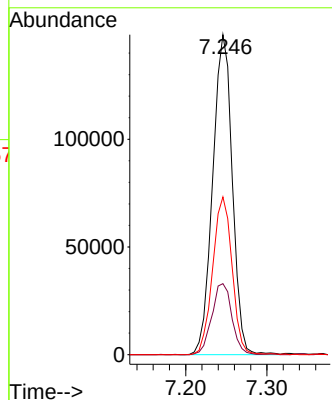
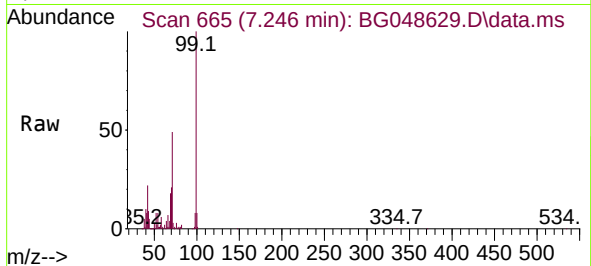




#7
Phenol-d6
Concen: 111.17 ng
RT: 7.246 min Scan# 665
Delta R.T. -0.002 min
Lab File: BG048629.D
Acq: 7 Apr 2021 23:04

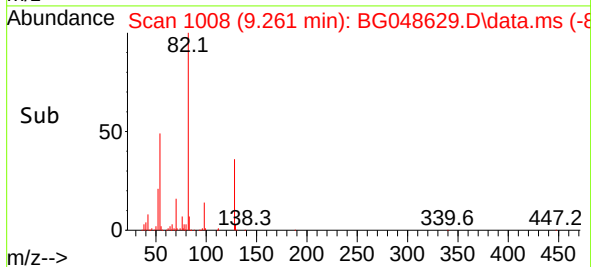
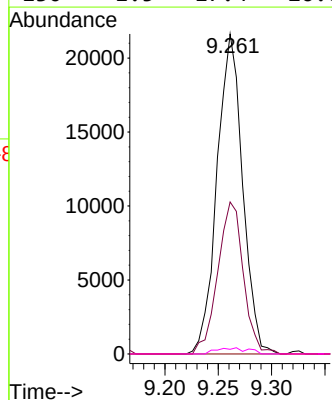
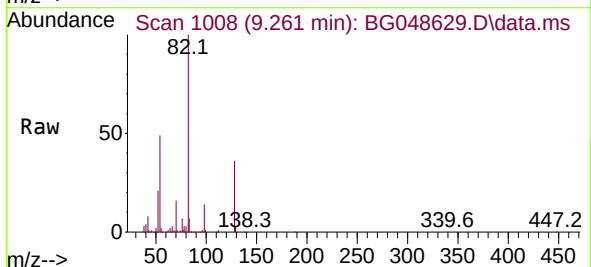
Instrument :
BNA_G
ClientSampleId :
TP-1

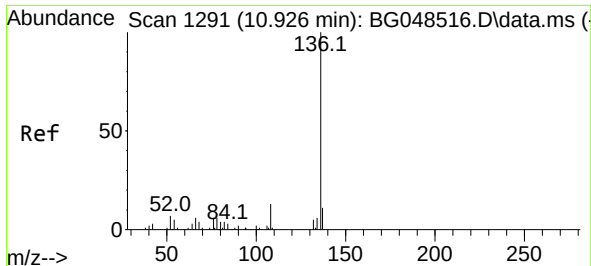
Tgt Ion: 99 Resp: 249253
Ion Ratio Lower Upper
99 100
42 22.2 15.5 23.3
71 49.3 36.6 54.8



#19
n-Nitroso-di-n-propylamine
Concen: 23.30 ng
RT: 9.261 min Scan# 1008
Delta R.T. 0.356 min
Lab File: BG048629.D
Acq: 7 Apr 2021 23:04

Tgt Ion: 70 Resp: 36009
Ion Ratio Lower Upper
70 100
42 47.5 50.8 76.2#
101 0.0 9.7 14.5#
130 1.5 17.4 26.0#

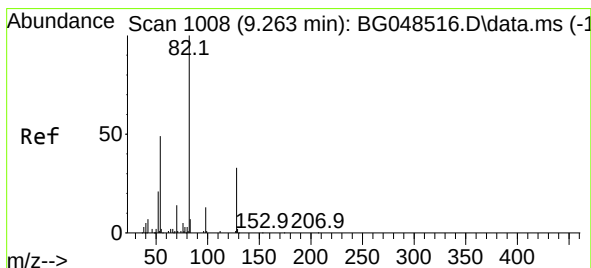
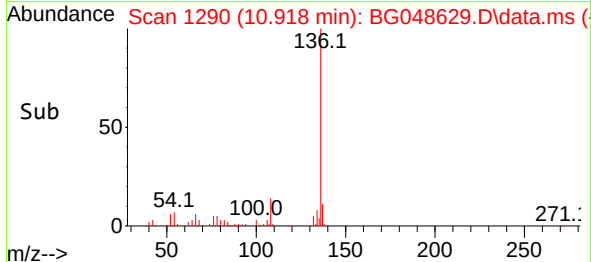
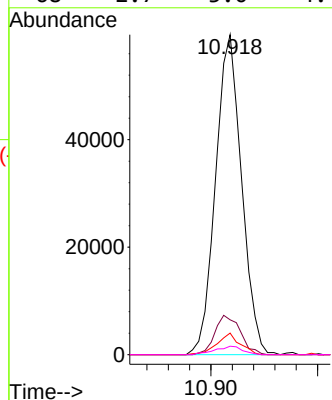
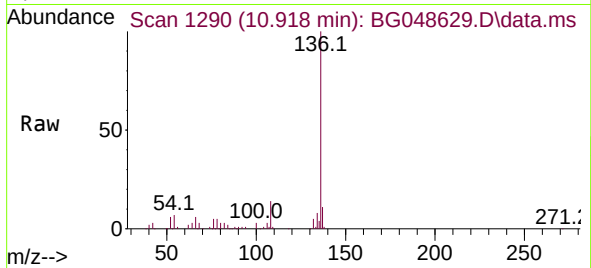




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.918 min Scan# 1290
Delta R.T. -0.008 min
Lab File: BG048629.D
Acq: 7 Apr 2021 23:04

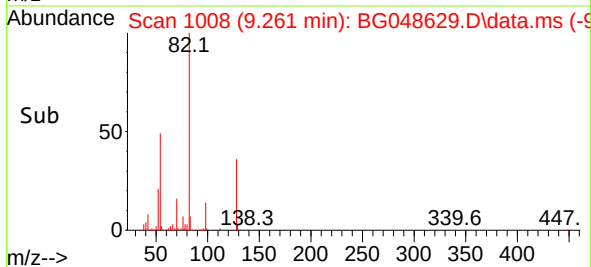
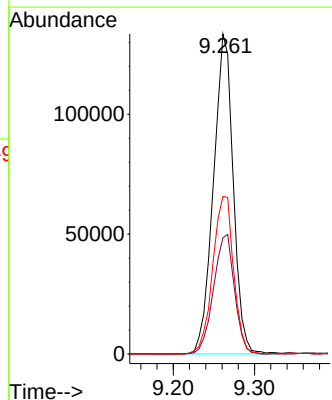
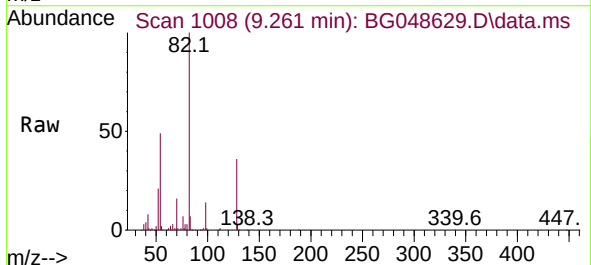
Instrument :
BNA_G
ClientSampleId :
TP-1

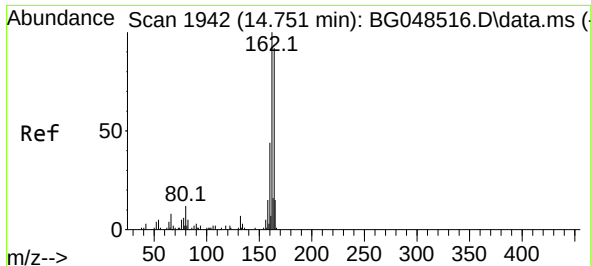
Tgt Ion:136	Resp: 100747
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 12.8
54 6.8	4.2 6.4#
68 2.7	3.0 4.4#



#23
Nitrobenzene-d5
Concen: 108.82 ng
RT: 9.261 min Scan# 1008
Delta R.T. -0.002 min
Lab File: BG048629.D
Acq: 7 Apr 2021 23:04

Tgt Ion: 82	Resp: 226446
Ion Ratio	Lower Upper
82 100	
128 36.3	26.2 39.4
54 49.3	38.9 58.3

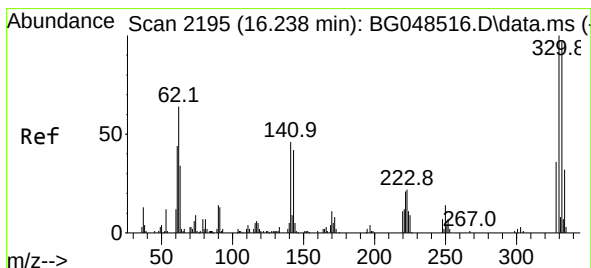
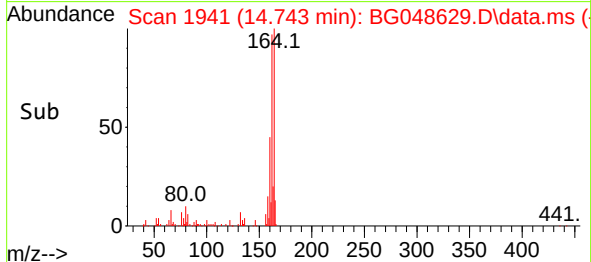
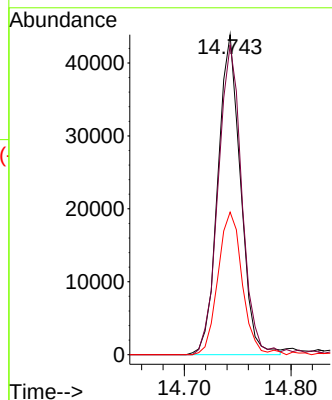
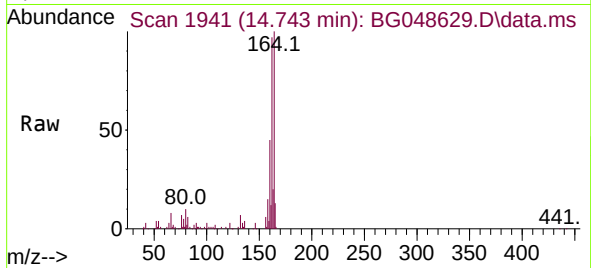




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.743 min Scan# 1941
Delta R.T. -0.008 min
Lab File: BG048629.D
Acq: 7 Apr 2021 23:04

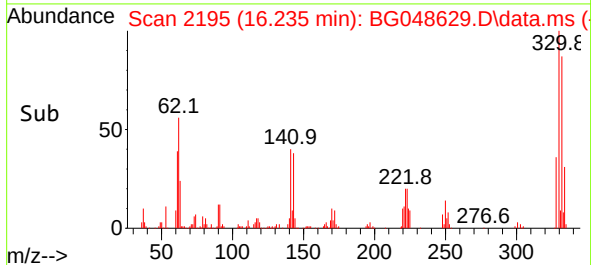
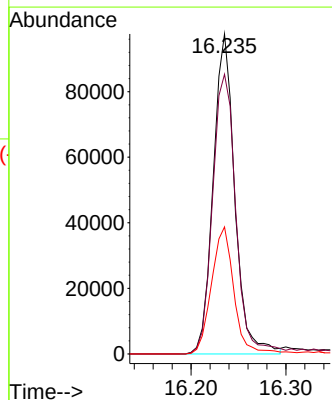
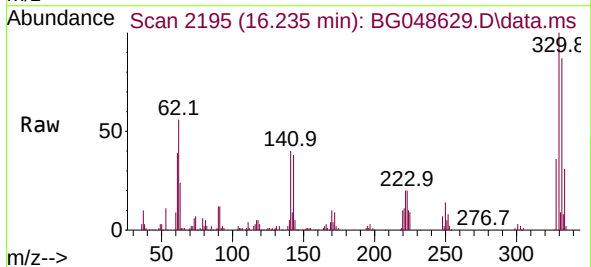
Instrument :
BNA_G
ClientSampled :
TP-1

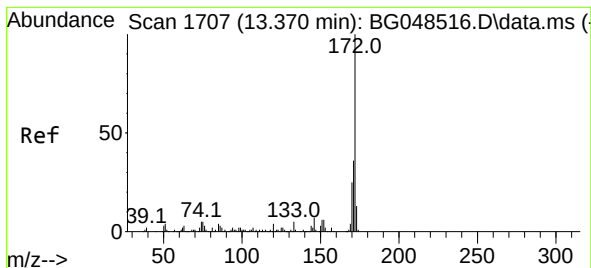
Tgt Ion:164 Resp: 64742
Ion Ratio Lower Upper
164 100
162 96.8 87.0 130.6
160 44.6 38.4 57.6



#42
2,4,6-Tribromophenol
Concen: 181.29 ng
RT: 16.235 min Scan# 2195
Delta R.T. -0.002 min
Lab File: BG048629.D
Acq: 7 Apr 2021 23:04

Tgt Ion:330 Resp: 154287
Ion Ratio Lower Upper
330 100
332 94.2 77.6 116.4
141 41.4 34.6 52.0

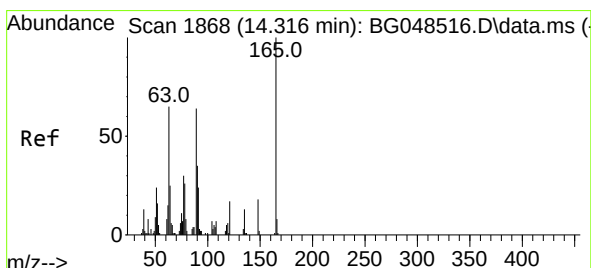
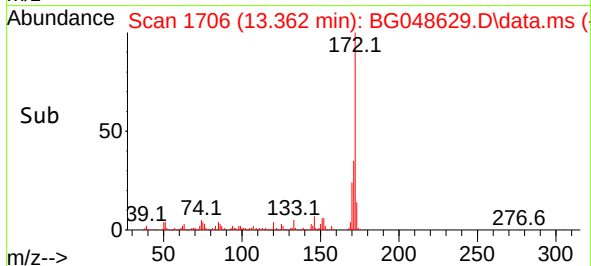
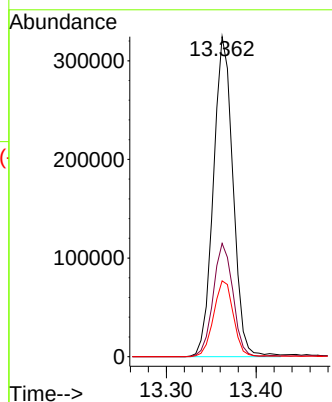
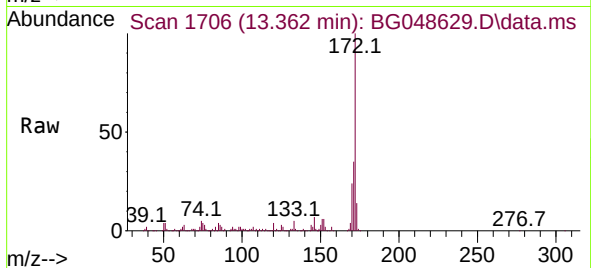




#45
2-Fluorobiphenyl
Concen: 113.20 ng
RT: 13.362 min Scan# 1706
Delta R.T. -0.008 min
Lab File: BG048629.D
Acq: 7 Apr 2021 23:04

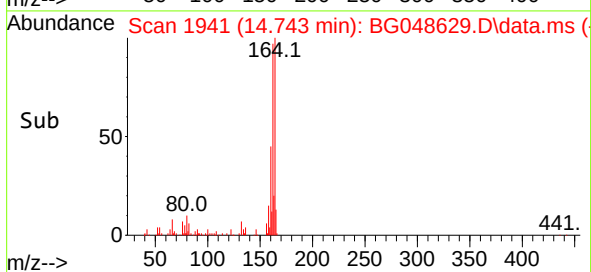
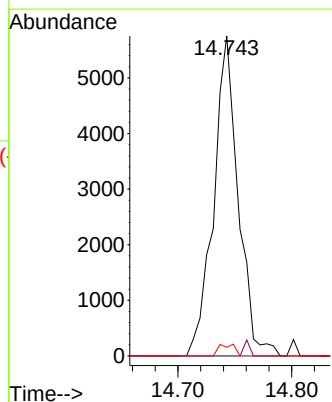
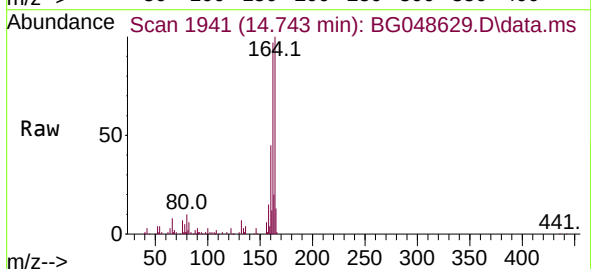
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ClientSampleId :
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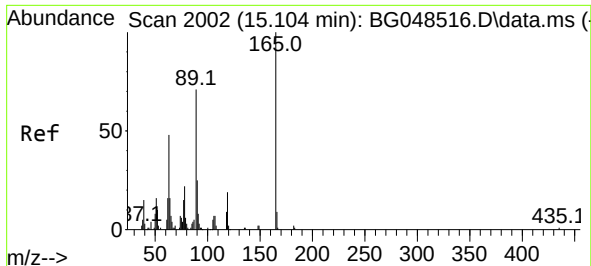
Tgt Ion:172 Resp: 493070
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.7 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 7.86 ng
RT: 14.743 min Scan# 1941
Delta R.T. 0.426 min
Lab File: BG048629.D
Acq: 7 Apr 2021 23:04

Tgt Ion:165 Resp: 8644
Ion Ratio Lower Upper
165 100
63 0.0 53.8 80.6#
89 2.7 50.8 76.2#

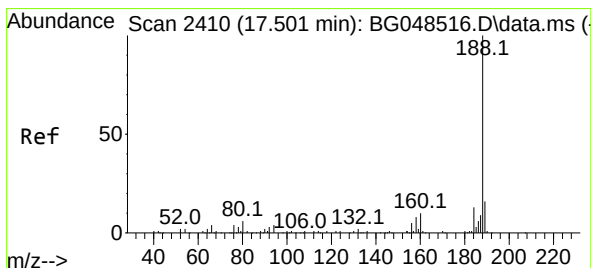
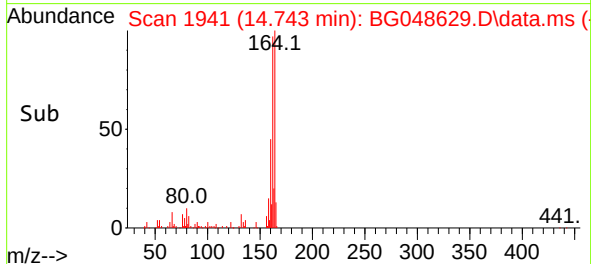
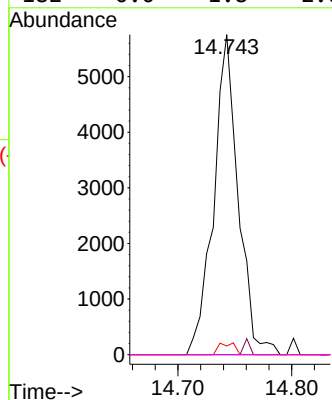
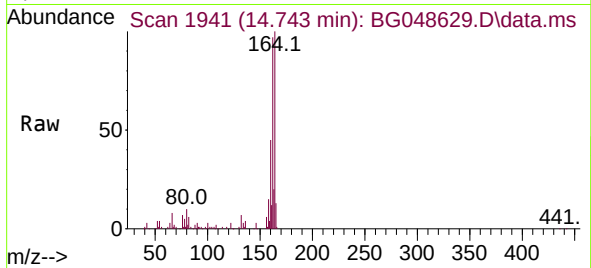




#57
2,4-Dinitrotoluene
Concen: 5.56 ng
RT: 14.743 min Scan# 1941
Delta R.T. -0.361 min
Lab File: BG048629.D
Acq: 7 Apr 2021 23:04

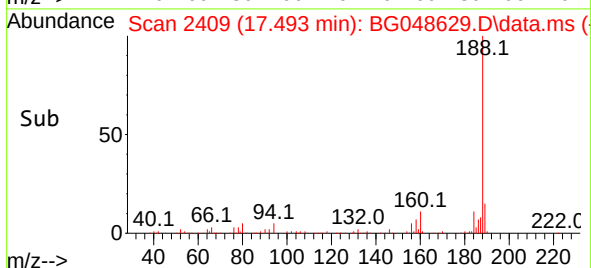
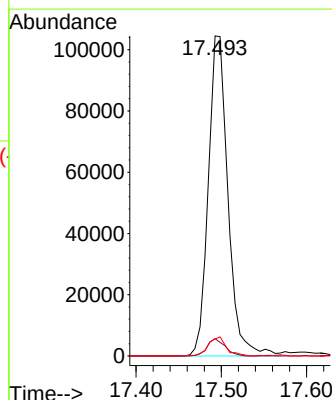
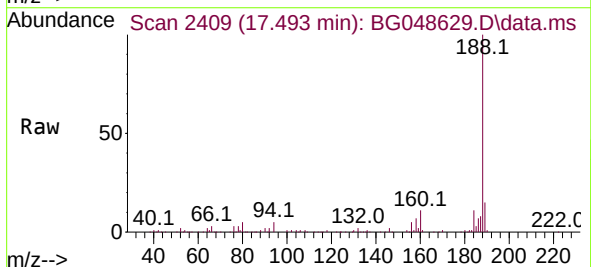
Instrument :
BNA_G
ClientSampled :
TP-1

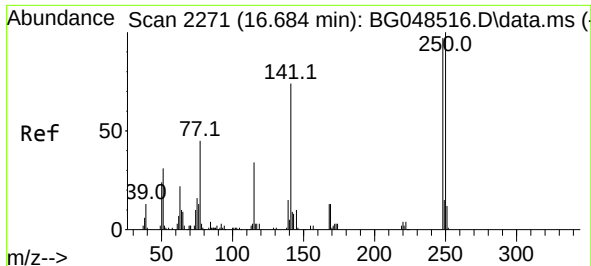
Tgt Ion:165 Resp: 8644
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 2.7 56.5 84.7#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.493 min Scan# 2409
Delta R.T. -0.008 min
Lab File: BG048629.D
Acq: 7 Apr 2021 23:04

Tgt Ion:188 Resp: 168056
Ion Ratio Lower Upper
188 100
94 5.4 3.0 4.6#
80 5.3 4.5 6.7

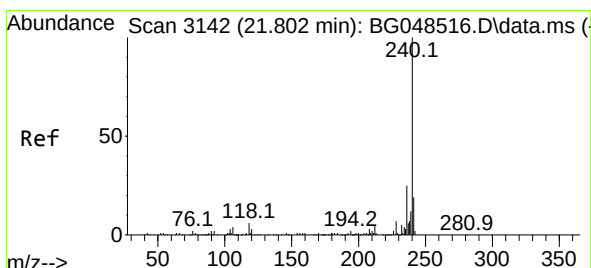
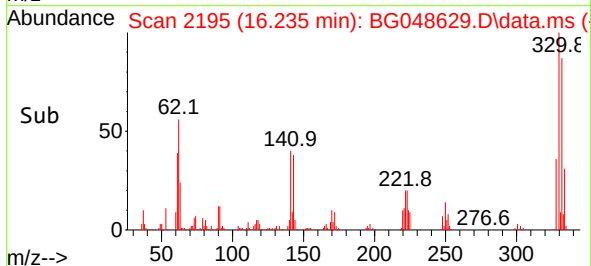
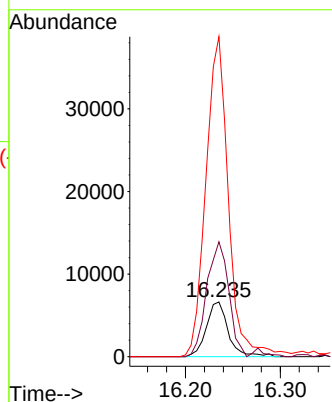
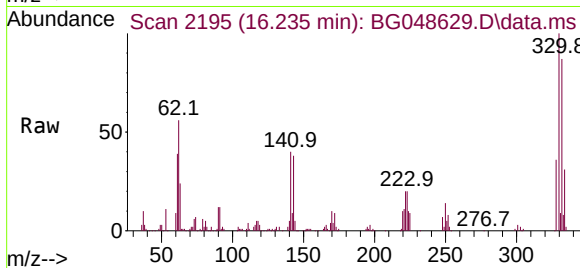




#67
4-Bromophenyl-phenylether
Concen: 5.69 ng
RT: 16.235 min Scan# 2195
Delta R.T. -0.449 min
Lab File: BG048629.D
Acq: 7 Apr 2021 23:04

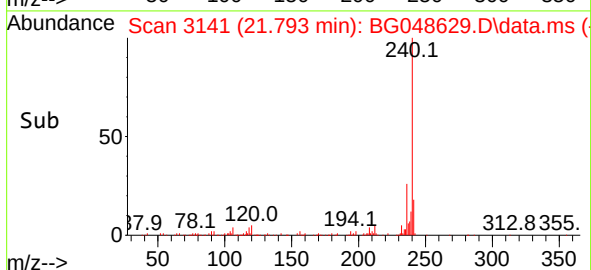
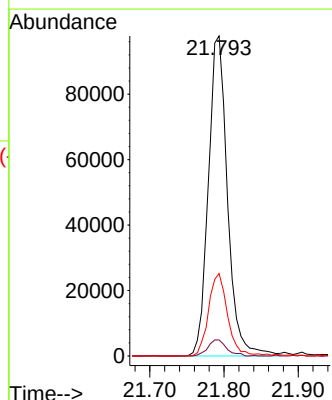
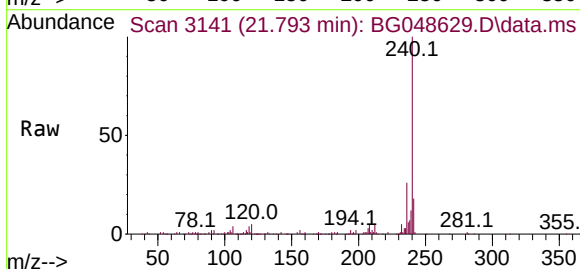
Instrument :
BNA_G
ClientSampleId :
TP-1

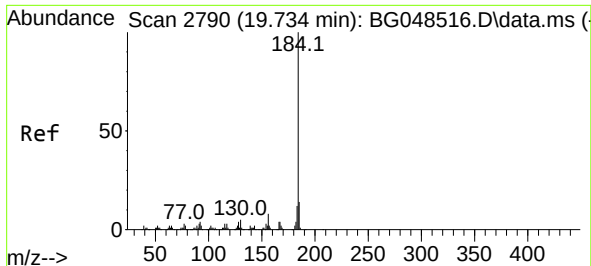
Tgt Ion:248 Resp: 10604
Ion Ratio Lower Upper
248 100
250 209.9 82.6 124.0#
141 584.4 61.0 91.6#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.793 min Scan# 3141
Delta R.T. -0.008 min
Lab File: BG048629.D
Acq: 7 Apr 2021 23:04

Tgt Ion:240 Resp: 175396
Ion Ratio Lower Upper
240 100
120 5.0 2.6 3.8#
236 25.7 19.8 29.6

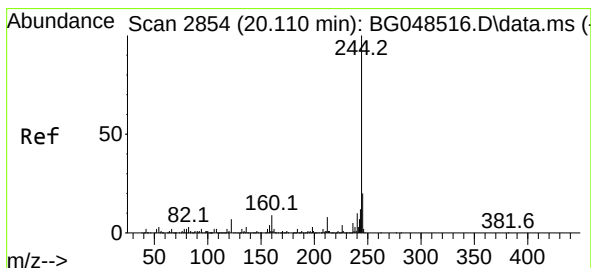
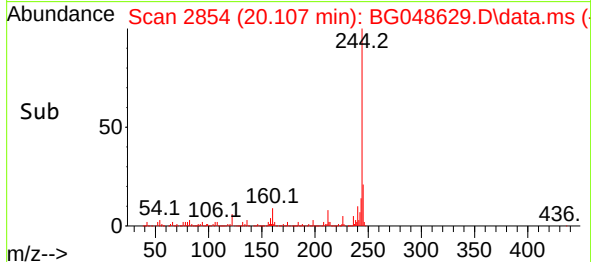
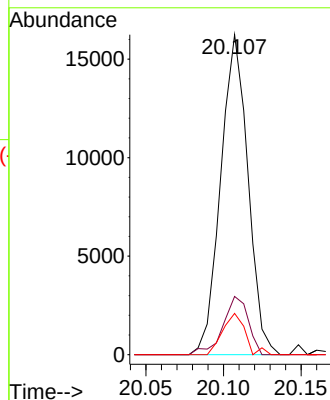
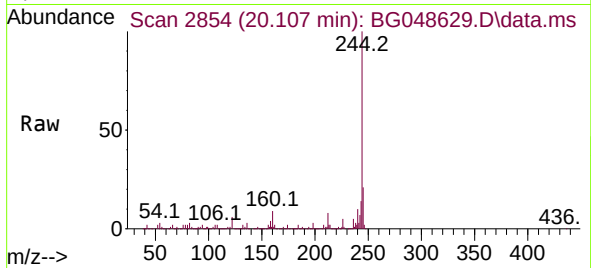




#77
Benzidine
Concen: 3.34 ng
RT: 20.107 min Scan# 2854
Delta R.T. 0.374 min
Lab File: BG048629.D
Acq: 7 Apr 2021 23:04

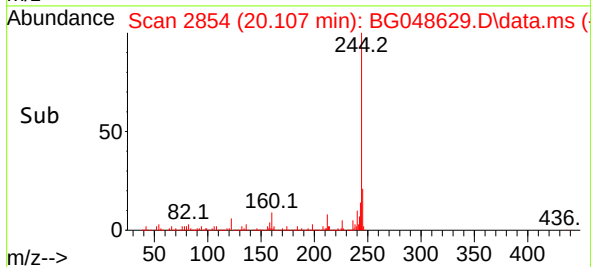
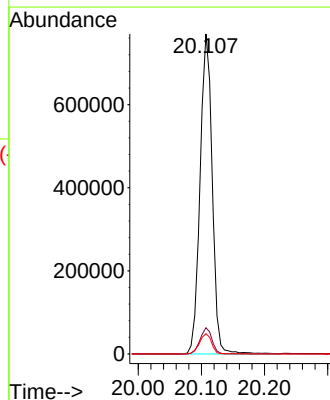
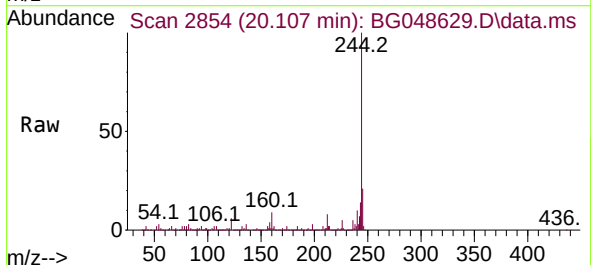
Instrument :
BNA_G
ClientSampled :
TP-1

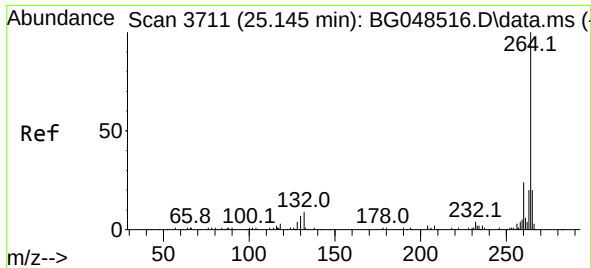
Tgt Ion:184 Resp: 19850
Ion Ratio Lower Upper
184 100
185 18.2 11.0 16.4#
183 12.9 9.2 13.8



#79
Terphenyl-d14
Concen: 107.20 ng
RT: 20.107 min Scan# 2854
Delta R.T. -0.002 min
Lab File: BG048629.D
Acq: 7 Apr 2021 23:04

Tgt Ion:244 Resp: 1028175
Ion Ratio Lower Upper
244 100
212 8.2 6.0 9.0
122 6.4 5.8 8.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.131 min Scan# 3709
Delta R.T. -0.014 min
Lab File: BG048629.D
Acq: 7 Apr 2021 23:04

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:264 Resp: 162205

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.1	28.7
265	23.0	16.1	24.1

